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PATENT
601-1-098CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ryazanov, A.

SERIAL NO. : 09/832,292
FILED : April 10, 2003

EXAMINER : Hutson, Richard G.
ART UNIT : 1652

FOR : MAMMALIAN ALPHA KINASE PROTEINS, NUCLEIC ACIDS
AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the MAIL STOP AF, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on December 23, 2003.

Christine E. Dietzel, Reg. No. 37,309
(Name of Registered Representative)

Betty Schultz 12/23/03
(Signature and Date)

AMENDMENT

MAIL STOP AF
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Dear Sir:

In response to the communication dated September 23, 2003, due for response

December 23, 2003, please consider the following amendments and remarks.